Figure 4 (SEQ ID NO 4) - Continued

CATCTACGCC CACGCCAACT CCACCTGCGT CATGGGCTCG CGCATGCTCA ACGGCCTGGG
CGGCTCCGCC GACTTCCTGC GCTCCTCCAA GTACTCTATC ATGCACACCC CGTCCACCCG
CCCCTCCAAG ACCGACCCGC ACGGCGTCTC GTGCATCGTT CCCATGTGCA CCCACATCGA
CCAGACTGAG CACGACCTCG ACGTCATCGT CACCGAGCAG GGCCTGGCCG ACGTGCGCGG
CCTGAGCCCC AGGGAGAGGG CCCGCGTCAT CATCAAGAAG TGCGCCCACC CGGTCTACCA
GCCCATCCTG ACCCACTACT TTGAGAAGGC CGAGAGCGAC TGCCTACGCA AGGGCTGGGG
CCACGAGCCC CATCTGCTCT TCAACTCGTT TGACCTGCAC AAGGCCCTCG TGGAGCACGG
AAGCATGCAG AAGGTCGGGC AGTGGTAAGA TTGGCGAGAC GGGAGAGGCG TTGTTGTAGG
AGTTGGAACT AGAATCAGAT ATACAGCCTT TCATATATGT AGATAATGGA GCCATT

Figure 5 (SEQ ID NO 5) - Continued

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1981    AACCCAATGG AACCACACAT ACGGGGTGGC TTTGGTTCAC GTTGCACTTT AAACTCGCAG
2041    ACGAGGGACC GACCTGCAGC GTGGCCCACT TCTGAAGCCT GCCCAGCTTT CTGCAAGACG
2101    CGGGCCATCG CGCTTGGCCG AGGAGAGAAA GGGTATCCAT GGCGACAAAG GCGGTCCTGG
2161    TGGGTTCGGT GCCGGCTTTG GAGTTCACTG GTCTGGGTGG GTGGCCAGCT GGATGCATGC
2221    ATTGGCCTGT ATCAAAGGTC CGGGATTCCC CAGGAGTATA AGACGTTCGT GCTGGGAGAT
2281    CTAGCGACGT GTTGGGAAAT ATCGGCCGTA GAGTGCGAAA AAGAACTGGC GGAAATATTT
2341    CTCCTTGGAC TCGGTCACAC TCAGTCAGTA GTGGACTGCC AGTCTATCAT ACACCTTTGA
2401    TATCAACATG ACTATCCTTA CAGGTGCCGA CGACGCCTCG TCATACCACA GGTATGTCTT
2461    CACAGCCTCT GGAAAGCGCA GTTGGGAGCT ATCTCTAACA TTACCACATC AGGCGCAATG
2521    GAAGCTCTGA TATCCCAAAA GGTGCCATCC ACCGCAACGG CTTCGCAGCC GCAGCCCCTG
2581    ACTGCTGGAT CCGGTCCGTG CTGTTTTCCG TGCACCAGAT GCTCAAGAGG TTCGGAAACG
2641    GATCTCACAC CGTCGTGGCG TCACTCGTAA CTTCATCAGA GGGATGCCCT TCAACTTCGG
2701    CCTGGAGGGC CATCCCCTCC GTCATCCATC ATATAGAGGG CGGAGACAAC AACAACACAG
2761    TCGCCTCTGC CGTGGAACAG GCGGCGAATC TCCTGAACTC AGAAGGATCG GGACAGGACC
2821    TTCTGATTCC CATCGGACTC ACTGAGCTCG TCAAGTCGGA GCTGATTGAC CTCCTGGTCA
2881    TCTTCGACGA CGAGACAAAT AACATACGAC TGCCGCAGGA CTTCCCACTT ATCCTGCGGA
2941    TACATCAGCG GCAAGACCAC TGGCAGCTGT CAGTCCGGTA TCCCTCGCCC CTTTTCGACA
3001    CCATGGTCAT CGACAGCTTT CTGAGCGCAC TTCACAACCT GTTGTCCGCG GTGACAAAAC
3061    CCTCCCAGCT CGTGCGCGAC ATCGAGCTGC TCCCAGAATA CCAGGTCGCT CAGCTGGAGA
3121    AGTGGAACAA CACAGACGGC GACTACCCCA CCGAGAAGCG GCTACATCAT CTGTTCGAGG
3181    AGGCAGCAGT GCGTCGTCCC CAACACGTTG CCCTCATCTG CGGCGACAAG CGCATCACCT
3241    ATGAGGAGTT GAATGCTATG GCGAATCGCC TGGCCCACCA TCTGGTATCC TCGGGTATCC
3301    AGACTGAGCA GCTCGTCGGT CTCTTCCTCG ACAAGACCGA GCTCATGATC GCTACTATTC
3361    TGGGCATCTG GAAATCTGGT GCCGCGATG TACCTATCGA CCCTGGGTAC CCGGACGAGC
3421    GTGTCAAGTT CGTCCTGAAT GATACGAAGG CGCAAGTGGT CATTGCTAGT CAGAGGCACG
3481    TCGATCGACT GCGGGCTGAG GCTGTTGGCG GCCAGCATCT TCGCATCATC GGTCTCGAAT
3541    CTCTGTTCGA CAACCTTGCT CAACAGACAC AACACTCACC AGAGACGTCG GGCAATTTGA
3601    CCCATCTGCC CCTGAACAGC AAACAGCTTG CGTACGTGAC ATACACCTCG GGCACCACGG
3661    GCTTCCCGAA AGGCATCTAC AAGGAGCACA CAAGCGTCGT TAACAGCATC ACCGATCTGT
3721    CTGCTCGGTA CGGTGTGGCC GGGGAGGACG ACGAGGTGAT ACTCGTCTTC TCCGCCTACG
3781    TCTTCGAGCC ATTCGTGCGC CAGATGCTCA TGGCCCTGAC CACGGGCAAC TCTCTCGCCA
3841    TCATCAGCGA CGAGGACAAG TTCGACCCTG ACACCCTTAT TCCCTTCATC CAAAAACACA
3901    AAGTCACTTA CATCCACGCC ACCTCGTCAG TGTTGCAGGA GTACGACTTC GGGTCCTGCC
3961    CCTCGTTGAA ACGCATGATT CTGGTGGGAG AGAACTTGAC AGAGCCGCGC TACGAGGCCC
4021    TGAGGCAGCG CTTCAAGTCG CGCATCCTGA ATGAATATGG CTTCACCGAG TCTGCGTTTG
4081    TGACGGCGCT CAACATATTC GAGCCTACCT CACAGAGGAA GGACATGAGT CTGGGAAGGC
4141    CGGTGCGCAA CGTCAAGTGC TATATCTTGG ATGCCAACCT CAAGAGAGTC CCCATCGGTG
4201    TTACAGGGGA GCTGCACATC GGTGGCTTGG GTATATCCCG GGGGTACATG AATAGGGAGG
4261    AGCTCACAAG GCAGAAGTTC CTCCCGAACC CCTACCAGAC CGATAAGGAG CGCCAACGGG
4321    GTGTCAACTC AACCATGTAC AAGACAGGAG ATCTGGCCCG CTGGCTACCC AGTGGCGAAG
4381    TCGAGTATCT CGGCCGTGCC GACTTCCAGA TCAAGCTGCG CGGCATTCGA ATTGAGCCCG
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Figure 5 (SEQ ID NO 5) - Continued

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4441  GCGAGATCGA GTCCACTCTC GCCATGTATC CCGGAATCAG GGCCAGCATC GTCGTGTCAA
4501  AGAAGCTTCT CAGTCAGGGG CAGGAGACGA TCCAAGACCA CCTTGTGGGG TACTATGTTT
4561  GCGATGAGGG CCACATCCCC GAGGGTGACC TGCTGAGCTT CCTGGAGAAG AAGCTACCTC
4621  GGTACATGCG CCCGACGCGC CTTGTCCAAC TGGCTCAGAT TCCAACCAAT ATCAACGGCA
4681  AGGCGGATCT GCGTGCTCTT CCTGCCGTCG AAGTCGCCGT AGCTCCCACC CACAAGCAGG
4741  ATGGCGAGCG AGGAAACCAG CTGGAGAGCG ACCTGGCTGC CATATGGGGC AACATTTTGA
4801  GTGTTCCCGC TCAAGACATT GGGTCTGAAT CCAACTTCTT CCGCCTGGGT GGCCACAGTA
4861  TTGCATGCAT CCAGCTCATT GCTCGTGTGC GACAGCAGCT AGGCCAGGGG ATTACCCTCG
4921  AGGAGGTCTT CCAGACCAAG ACGTTGCGAG CTATGGCTGC CCTCTTGTCG GAAAAGTACA
4981  CGAAGGCGTC GAATGGGACG AACGGAGTGA CCAACGGCAC TGCTCACGTC AACGGCCACG
5041  CAGCGAACGG CCATGTCAGC GACAGCTACG TGGCCAGCAG TTTGCAGCAA GGCTTTGTTT
5101  ACCATTCACT CAAGAACGAA CTGTCCGAGG CGTACACCAT GCAATCCATG ATCCACTATG
5161  GTGTGCCCCT GAAACGGGAT ATTTACCAAG CGGCATGGCA GAGGGTACAG GGGGAGCACC
5221  CTGCACTGCG GCTTCGGTTC ACATGGGAGG CCGAAGTGAT GCAGATCGTG GACCCGAAAT
5281  CTGAACTCGA CTGGCGTGTT GTTGACTGGA CCGATGTTTC GAGCCGGGAG AAGCAGCTGG
5341  TTGCGCTGGA GCAACTCCAA ACGGAGGACC TTGCTAAGGT CTACCATCTC GATAAGGGGC
5401  CCCTTATGCG ACTATACCTC ATCCTGCTTC CGGACTCAAA GTACTCCTGT CTGTTCAGCT
5461  GCCACCATGC CATTCTCGAT GGGTGGAGTC TGCCCCTGCT CTTCAACAAT GTCCACCAGG
5521  CCTACCTCGA TCTCGTCGAA GGCACTGCTT CGCCCGTCGA GCAGGACGCT ACCTACCTAC
5581  TCGGCCAGCA GTACCTGCAG AGCCACAGGG ACGACCATCT CGACTTCTGG GCCGAGCAGA
5641  TCGGCAGGAT CGAAGAGCGC TGCGACATGA ATGCGCTGCT GAATGAGGCC AGCCGATACA
5701  AGGTGCCCCT GGCCGACTAT GACCAAGTCC GCGAGCAGAG GCAGCAGACC ATCAGTCTGC
5761  CCTGGAACAA CTCCATGGAC GCTGGTGTGC GGGAAGAACT CTCCAGTCGT GGCATCACCC
5821  TTCATTCCAT TCTACAGACG GTCTGGCACC TGGTCCTCCA CTCTTATGGA GGAGGCACCC
5881  ACACGATCAC CGGCACCACC ATCTCCGGCC GTCACCTGCC CGTCCCCGGA ATTGACGCGT
5941  CTGTTGGTCT CTTCATCAAC ACACTCCCTA TGATCTTTGA TCACACCGTC TGCCAGGATA
6001  TGACAGCGCT CGAGGCCATT GAGCATGTCC AAGGCCAAGT CAACGCCATG AACTCCCGGG
6061  GCAACGTCGA GCTCGGACGC ATGAGCAAGA ACGACCTCAA GCACGGGCTC TTCGACACCC
6121  TCTTCGTCCT CGAGAACTAC CCAAACCTCG ACACGGAGCA GCGGGAGAAG CACGAGGAGA
6181  AGCTCAAGTT CACCATCAAG GGTGGCACGG AGAAGCTCAG TTACCCGCTG GCCGTGATTG
6241  CCCAAGAGGA CGGCGACAGC GGATGCTCGT TTACGCTCTG CTATGCGGGC GAGCTCTTCA
6301  CGGATGAGTC CATCCAGGCG CTCCTGGACA CTGTCCGGGA CACCCTGAGT GATATTCTCG
6361  GGAACATCCA TGCCCCTATC CGCAACATGG AGTACCTCTC CTCGAACCAG ACGGCGCAGC
6421  TCGACAAGTG GAATGCCACC GCCTTCCAGT ACCCCAACAC CACACTGCAC GCCATGTTCG
6481  AGTCCGAGGC GCAGCAGAAG CCGGACAAGG TGGCCGTGGT GTACGAGGAT ATCAGGCTGA
6541  CCTACCGCGA GCTCAACAGC CGTGCCAATG CCCTGGCGTT CTACCTCCTC TCCCAGGCGG
6601  CTATCCAACC GAACAAGCTG GTCGGGCTGA TCATGGACAA GAGCGAGCAC ATGATCACGA
6661  GCATCCTCGC GGTCTGGAAA ACGGGTGGAG CCTACGTCCC GATCGACCCT CGATACCCTG
6721  ACCAGCGTAT CCAGTATATC CTGGAGGATA CGGCGGCTCT CGCAGTCATC ACGGACAGTC
6781  CTCATATTGA CCGTCTGCGC AGCATCACCA ACAACCGCCT TCCTGTTATC CAGTCGGACT
6841  TTGCTCTCCA ACTCCCGCCC AGCCCAGTTC ATCCCGTCTC AAACTGCAAG CCAAGCGACC
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Figure 5 (SEQ ID NO 5) - Continued

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6901    TCGCCTACAT CATGTACACA TCCGGCACCA CTGGCAACCC CAAGGGTGTC ATGGTGTAGC
6961    ACCACGGTGT AGTGAATCTG TGCGTTTCAC TCTGCCGGCT CTTCGGCCTT CGGAACACAG
7021    ATGACGAGGT CATCCTCTCG TTCTCGAACT ACGTCTTCGA CCACTTTGTC GAGCAGATGA
7081    CGGATGCCCT TCTCAACGGT CAGACTCTTG TGGTCCTCAA CGACGAGATG CGTGGCGACA
7141    AGGAGAGGCT TTACAGATAC ATCGAGACCA ACCGCGTCAC GTACCTCTCG GGGACACCTT
7201    CCGTCATCTC CATGTACGAG TTCGACCGGT TCCGCGACCA CCTGCGGCGC GTGGATTGCG
7261    TCGGCGAGGC CTTCAGCGAG CCGGTATTCG ACAAGATCCG CGAGACGTTC CCGGGTCTCA
7321    TCATCAACGG TTATGGCCCG ACTGAGGTGT CTATCACTAC CCACAAGCGC CCCTACCCGT
7381    TCCCGGAGCG CCGCACAGAC AAGAGCATCG GTTGCCAGCT GGACAACAGC ACGAGCTACG
7441    TCCTCAACGA TGACATGAAG CGCGTGCCCA TCGGGGCCGT GGGAGAGCTG TACCTTGGTG
7501    GCGATGGCGT CGCTCGCGGA TACCACAACC GGCCAGACCT GACGGCTGAC CGGTTCCCTG
7561    CCAACCCCTT CCAGACGGAG CAGGAGAGAC TTGAGGGCCG AAATGCGCGT CTGTATAAGA
7621    CTGGTGACTT GGTTCGCTGG ATCCACAATG CAAACGGCGA TGGTGAGATC GAGTACCTCG
7681    GCCGCAACGA CTTCCAGGTC AAGATTCGAG GCCAGAGAAT CGAGCTGGGA GAGATCGAGG
7741    CCGTGCTTTC ATCCTATCCG GGCATCAAAC AATCCGTCGT CCTGGCCAAG GACCGCAAGA
7801    ATGACGGGCA GAAGTACCTC GTCGGCTACT TCGTCTCCTC AGCAGGGTCC CTGTCCGCCC
7861    AGGCCATCCG CCGCTTCATG CTCACGAGCC TGCCCGATTA CATGGTTCCT GCGCAGCTGG
7921    TGCCCATCGC CAAGTTCCCC GTCACCGTGA GCGGGAAGCT CGATGCCAAG GCCTTGCCCG
7981    TGCCAGACGA TACAGTCGAG GATGACATTG TGCCACCGCG TACCGAGGTT GAGCGCATCC
8041    TAGCTGGGAT CTGGTCTGAG CTGTTGGAGA TACCGGTCGA CAGGATCAGC ATCTACAGTG
8101    ACTTCTTCAG TCTGGGCGGC GACAGTCTCA AGAGTACCAA GCTGTCCTTT GCTGCCACGC
8161    GGGCTCTCGG TGTGGCCGTC AGTGTCCGCA ACTTGTTCAG CCATCCGACT ATCGAAGCCT
8221    TGTCTCAGTG GATTATCAGG GGTTCGAACG AGGTCAAGGA TGTGGCTGTG GTGAAGGGCG
8281    GTGCCAGTCT TGATATCCCC CTATCCCCTG CCCAGGAAAG ACTCATGTTC ATCCACGAGT
8341    TCGGCCATAG CGGCGAGGAT ACTGGTGCTT ACAATGTGCC TTTGCAGCTG CAGCTTCACC
8401    ATGATGTCTG TCTCGAGTCG CTTGAGAAGG CTCTGCGGGA TGTCGTCTCG AGACACGAGG
8461    CTCTCCGGAC CTTGATCACC AGGACCCAGA AGTCCTCCGT GCACTGCCAG AAGATCCTCG
8521    ACGCCGAAGA AGCGCAAAAG CTCTTCTCTG TTGATGTTCT GCGCCTGACC TCGGAGACGG
8581    AGATGCAGGG CAGGATGGCC GAGAGTACCG CCCACGCCTT CAAGCTCGAC GAGGAACTCC
8641    CGATCATGAT ACGCCTGTAC CAGGTTGTAC GTGATGGCCG CACGCTCAGC TTTGCCAGCA
8701    TCGTCTGCCA CCATCTGGCG TTTGACGCGT GGTCATGGGA TGTGTTCCAG AGGGACTTGG
8761    ACGCCTTCTA TGCCGTCCAT ACGAAGCACA AGGCTGCCGC CAACCTGCCA ACCCTCCGCG
8821    TGCAATATAA GGAGTATGCG ATAGAGCACC GCCGGGCTCT CCGCGCTGAG CAACACCGTG
8881    TTCTCGCGGA CTACTGGCTG CGCAAGCTCA GTGACATGGA GGCGTCTTAT CTGGTCCCCG
8941    ATCGCCCTCG ACCGGCGCAG TTTGACTATA CCGGGAACGA TCTCCAGTTC TCAACTACTC
9001    CCGAGACCAG CGCGCAGTTG AAGGAGCTGG CCAAGCGCGA GGGTTCAAGC CTCTACACCG
9061    TTGTGGCGGC GGCGTACTTT CTGCTTCTCT ACGTGTACAC CAACCAGCGG GATATCACGA
9121    TTGGTATTCC CGTTGCGCAC CGTAACCATC CGGACTTTGA GTCGGTTGTC GGCTTCTTTG
9181    TCAACTTGCT CCCTCTGCGG GTCAACGTGT CTCAGTCGGA CATTCATGGA CTTATCCAGG
9241    CAGTGCAGAA AGAGCTTGTC GATGCCCAGA TCCATCAGGA CTTGCCATTC CAGGAGATCA
9301    CCAAGCTTCT TCATGTGCAG CACGATCCAA GCCGCCATCC CCTTCTCCAG GCCGTGTTCA
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Figure 5 (SEQ ID NO 5) - Continued

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9361    ACTGGGAAAA CGTACCCGCC AATGTCCACG AGGAGCAGCT GCTTCAGGAG TACAAGCCGC
9421    CCTCGCCTCT GCCTTCGGCG GCCAAGTTTG ATCTCAACGT CACGGTGAAA GAGAGCGTCA
9481    ATTCGCTCAA CGTCAACTTC AACTATCCTA CCAGCCTCTT CGAGGAGGAG ACCGTTCAGG
9541    GGTTCATGGA AACCTTCCAT CTCCTTCTTC GACAACTGGC CCACAACAAG GCTAGCACAA
9601    GCCTCTCGAA GCTGTCGGTT GAAGATGGAG TGTTGAATCC AGAGCCGACT AACCTTCAGC
9661    CCTCAAGCCG GGACAGCGGA AATTCACTCC ATGGGCTCTT CGAGGACATC GTGGCCTCGA
9721    CCCCGGACCG CATCGCAATT GCTGACGGCA CCAGGAGTCT CTCGTACTCC GAACTCAACG
9781    AGCGGGCAAA CCAGCTGGTA CATTTGATCA TCTCTTCTGC CAGTATTGTA GCAGACGACC
9841    GCATCGCTCT TCTTTTGGAC AAGAGCATCG ATATGGTGAT TGCTCTCCTG GCAGTTTGGA
9901    AGGCCGGTGC CGCATATGTG CCCCTTGACC CGACATATCC GTCGCAGAGG ACTGAGCTCA
9961    TCTTGGAGGA ATCTAGTGCC AGGACGCTCA TCACCACTAG AAAGCACACG CCGAGGGGAG
10021   GAACAGTCGC AAATGTTCCA TCCGTGGTCC TTGACAGCCC CGAGACCCTA GCCTGCCTCA
10081   ACCAGCAGTC AAAGGAAAAC CCGACAACGT CAACGCAGAA ACCGTCCGAC CTCGCATATG
10141   TCATCTTCAC CTCGGGAACC ACAGGCAAGC CCAAGGGGGT TCTGGTGGAG CACCAGAGCG
10201   TAGTCCAGCT GCGCAATTCC CTCATCGAGC GATACTTCGG CGAGACCAAC GGGTCTCACG
10261   CCGTGCTCTT CCTGTCCAAC TACGTCTTCG ACTTCTCTCT TGAACAGCTC TGTCTCTCAG
10321   TCTTGGGTGG AAACAAGCTC ATCATTCCAC CAGAGGAGGG TCTCACGCAC GAGGCATTCT
10381   ACGACATCGG CCGCAGGGAG AAGCTATCCT ATCTCAGCGG GACGCCCTCG GTGCTGCAGC
10441   AGATTGAGCT CTCCCGTCTG CCGCATCTTC ACATGGTCAC CGCTGCGGGC GAGGAGTTCC
10501   ACGCTAGTCA GTTTGAGAAG ATGCGCTCCC AGTTCGCGGG CCAGATCAAC AACGCCTATG
10561   GTATCACTGA GACGACCGTG TACAACATCA TCACCACGTT CAAGGGCGAT GCCCCCTTTA
10621   CCAAGGCACT CTGCCACGGG ATCCCCGGAA GTCACGTCTA CGTCCTGAAC GACCGACTTC
10681   AGCGTGTTCC TTTCAACGCT GTTGGCGAGC TCTACTTGGG CGGTGACTGC CTTGCTCGCG
10741   GGTACCTCAA CCAGGATGCC CTGACCAACG AGCGATTCAT CCCCAACCCT TTCTACGAGC
10801   CGAAACAGGC AAGTGACAGT CGTCCCCAGA GACTCTACAA GACTGGAGAT CTGGTGCGCT
10861   TCCGTGGACC CCACCATCTC GAGTATCTCG GCCGCAAGGA CCAGCAGGTC AAGCTGAGGG
10921   GCTTCCGCAT CGAGCTCTCC GAGGTGCGGG ATGCCGTCCT AGCCATCTCT GCTGTTAAGG
10981   AGGCTGCCGT CATCCCCAAG TATGACGAGG ATGGCTCCGA TTCACGAAGG GTCAGCGCCA
11041   TCGTCTGCTA CTACACGCTC AACGCCGGAA CTGTGTGCGA AGCATCGAGT ATCCGTGACC
11101   ACCTGCACGC CAACCTTCCC CCGTACATGG TCCCAAGTCA GATCCACCAG TTGGAGGGAT
11161   CTCTCCCCGT GACCGTCAAT GGGAAGCTCG ACCTGAACAG GCTCTCCACA ACTCAAGTCT
11221   CGCAGCCAGA GCTTTACACC GCTCCACGAA ATTCGACAGA GGAAACCTTG TGCCAGCTTT
11281   GGGCATCTCT CCTAGGCGTC GACCACTGCG GCATTGACGA CGACCTGTTT GCCCGAGGCG
11341   GCGACAGCAT CTCCTCTCTC CGACTAGTGG GTGACATCTA CCGCGCGCTA GGACGCAAGG
11401   TCACCGTCAA GGACATCTAC CTCCACCGCA GCGTCCGAGC CCTAAGCGAA AATGTCCTGA
11461   CCGACCAGAA GGATAAGGGT ACTCTGCCAG CGTCTCCTCC CCTCCAGCGA GCGGAGCAGG
11521   GCCAGGTTGA GGGCGACGCA CCGCTTCTCC CCATCCAGGA CTGGTTCCTT TCCAAGCCCC
11581   TGGATAACCC CGCTTACTGG AACCACTGCT TCACCATTCG AACCGGGGCA CTCTCCGTCG
11641   AAGGGCTCCG GGGTGCTCTG AAGCTGCTGC AGGAGCGCCA GCACGTGCTG CGTCTGAGAC
11701   TGCAACGCCG GGACGAAGGT CGCCATGTTC AGACCTTTGC GCGTGACTGC GCGCAACCTC
11761   GCTTGACTGT GCTAGACCGA CGAAGCTTCG AGGACGCAGA GGATGTACAG GAGGCTCTCT
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Figure 5 (SEQ ID NO 5) - Continued

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11821  GCGAGATCCA ATCTCATTTC GACCTCGAGA ATGGACCCCT CTACACAGTG GCGTACATCC
11881  ACGGTTACGA GGACGGCTCC GCCCGAGTGT GGTTTGCCTG CCATCACGTC ATGGTCGACA
11941  CTGTGAGCTG GAACATTATA CTGCAAGACC TGCAGGCTCT CTATCATGGA GACAGCCTTG
12001  GTCCCAAGAG CAGCAGCGTG CAGCAGTGGT CGCTAGCTGT CAGCGACTAC AAAATGCCAC
12061  TGTCGGAGAG GGCGCATTGG AATGTGCTCA GGAAGACAGT CGCCCAGAGC TTCGAGACCC
12121  TGCCTATCTG CATGGGCGGC GTGCTCCAGT GCCAGGAGAA GTTCTCGAGG GAAACGACAA
12181  CAGCTCTGCT CTCCAAGGCC TGCCCTGCCT TGGACTCCGG TATGCATGAG ATCCTTCTCA
12241  TGGCCGTGGG CTCCGCGCTG CAGAAGGCGG CAGGGGATGT CCCTCAGGTC GTCACGATAG
12301  AGGGTCACGG GCGCGAAGAT ACTATCGACG CAACTCTGGA CGTCAGCCGG ACAGTCGGCT
12361  GGTTCACGAG CATGTACCCC TTCGAGATCC CCAAAGTGAC CGACCCCGCT CAGGGCGTCG
12421  TCGATGTCAA GGAGGCGATG CGTCGCGTGC CGAATAGGGG TGTCGGTTAC GGTCCAGCCT
12481  ACGGATACGG CGGATCGTCG CTGCCCGCGG TGAGCTTCAA CTACCTTGGT CGCCTGGACC
12541  AGGCTTCCTC GGGGGCTCAA AGGGACTGGA CGCTGGTCAT GGATGAAGAC GAGTATCCGG
12601  TCGGACTGTG CACCAGCGCT GAGGACTCGG GACGAAGCTC CTCCATGGTG GATTTCACCT
12661  TCTCTATCTC TGGCGGCCAG CTTGTCATGG ATATGAGTAG CAGCTGGGGC CACGGCGCAG
12721  CAAATGAATT CGTTCGCACA GTTCGTAACA CACTAGATGA CTTGATCAAA ACAACGAGCA
12781  GCAGGGACTT CAGCGCACCT CTGCCTCCGT CGGATCAGGA GTCCAGCTTC ACCCCTTATT
12841  TTGTCTTCGA AGAGGGCGAG CGACACGGCG CTCCGCTCTT CCTGCTCCCA CCTGGCGAAG
12901  GCGGAGCGGA GAGCTACTTC CACAACATTG TCAAGGGTCT CCCGAACCGC AATCTTGTCG
12961  TGTTCAACAA TCATTACCGC GAGGAGAAGA CGCTCCGGAC CATCGAGGCG CTGGCCGAGT
13021  ACTACCTGTC GCACATCCGA TCCATCCAGC CGGAGGGGCC ATACCACATC CTCGGCTGGA
13081  GTTTCGGAGG CATCCTCGGT CTCGAGGCGG CAAAGCGATT GACTGGCGAG GGTCACAAGA
13141  TTGCCACGCT GGCACTTATC GATCCGTACT TTGACATCCC GTCCGCGTCC AAGGCCATCG
13201  GCCAACCTGA CGATGCCTGC GTCTTGGACC CCATATACCA CGTCTACCAC CCGTCGCCGG
13261  AGAGCTICAG GACGGTGTCA TCTCTCACTA ATCACATAGC CCTGTTCAAG GCTACCGAGA
13321  CGAATGACCA GCATGGCAAT GCCACGCAGC AGGCCCTGTA TGAGTGGTTT GCCACGTGCC
13381  CTTTGAACAA CCTGGACAAG TTTTTGGCGG CCGACACGAT CAAGGTGGTT CCTCTGGAGG
13441  GTACACATTT TACCTGGGTG CACCACCCGG AGCAGGTGCG CTCAATGTGC ACTATGCTGG
13501  ATGAATGGCT TGGGTGAACG AGGCAGTTGC TGTGAGAGAA TGAGAATGAG ACACAAAACG
13561  CGGGCGGAAG AGAGACTTCC TCGGACGGCG GGTTTCCGCC GACGAGTGAT GACCTGGTCC
13621  CAGGGGTCTG GTGATATTTT CTCCTGAATG TGTGAGGATA TTAGTGGTTT TTTTCTGCCG
13681  TTAGAGACGT ATTTAGTAAC CTCTGGAGTT TGGAGTCATT ATTTTCCTGA ATGGTCTTCT
13741  TCTGTAGTAA TAAACTAGCA GAGCGGATTA TATATATATA TATATATATG TATTTGGCTG
13801  GTATTGCTAT GCGTGTTCCT ATGTGAATTG GTATATGTAT AAGTATGTCT ACCTTACTGC
13861  ATCTGTTAAT TCTTATGTAC TGCTACATGA GTTGCTACGG TTATTGCGAC GTGATGCGTG
13921  TAGTCGAAGT TATTGTACCT ATTGCGTGTA CTATGCTCCC CTCTTCTTTC TACTATATCT
13981  CGGTGTAGTA CAAACAAAAC GACGTAGGGG AAGTGGGGAA GAAGTTGAAC GAGTATAGAC
14041  TCCCCGAGCA ATGAATCAGT ACATTATATA TACTGTTTCT TCTCTCTCAT GACTTGGTAC
14101  GTGGGAAGTT CCCAACATCT AACCTGTCCA ACCCTCCGAC CAGAAAGCTG TCCAACAATG
14161  TCGTCCAACG CTCCCAGCTC CCCAAGTATC ATCCATGGCA CCGAAGGAGC CGCATCATCA
14221  ACTGAAAGGC ATCATCTTTG GACTATCCCA CCGGGATAAT TCTATACGAC ATCCAAGTTG
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Figure 5 (SEQ ID NO 5) - Continued

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14281  AATTGTCTGA GCCTCAGGTC AGGATCCCAG GCGTCAATCT TGGCAGGGGA TAGTGAAACC
14341  TTGAAACAAG GCATGCGGGC ATTGCGGGCA TTAGGCTCGC ATAGAGAGGG GGGGTTCCAG
14401  ACCGAGAGAT ATGCGTGCAG GGCCACGATA TTGGTGCGCC CAATTACTAG CATAAAATAC
14461  TAATACAAAT GCAGGCAACC GAAGGGGATT ATTCATAAAT GCCTTGGGTG CATGGCAACT
14521  CGAAAAGTTG GGGAATGTGG CAGGAGCGCC CAAGCATATT CACTCGTCAA GAGTCGTCAT
14581  CACCACCCCC GCCCACCTTC CTATCTTATT TCCTCCTCCT TCAGATCGTA CGACACTCAT
14641  CTTCCCTCGT CTCTTTTCCA TCGTCGTCAT CAACAAAAGT CATCTGGCTC GTCTCCATCC
14701  GAAACACCTA CTAGTAGCTA TTAGTCACTC ACTATGAGAC TCTCCTTCTT CGCGCCAAAC
14761  CGTACGATAA AAAGTCCTTT GGCCTCGCCC ACGCCGCCAG GGATCCGCCG TCACCCGTCA
14821  CGATAACCTA CCACGACATC CCCCTCAATG AGGACACCGT CTCCACGGTT AGGGACGCCG
14881  ATGCCGTCTG CGCCTTCGTA AATGACTCCC TCTCCGCTCA CGTCATCGAG ACCCTCGCCA
14941  GGCAGGGTGT CAAGGCCATC CTCCTCCGCT GCGCCGGCTT CAATCACGTC GACCTCGCCG
15001  CCGCCGCCCG ACACGGCATC ATGGTCGCCA ACGTGCCGTC GTACTCGCCA GAGGCCGTCG
15061  CCGAGTTCGC GGTAGCCCTG ATCCAGACAC TCAACCGCAA CACCCACCGC GCCTACAACC
15121  GCGTGCGCGA GGGCAACTTT GCCCTCCACG GCCTCCTGGG TAAGACACTG CACGGCAAGA
15181  CGGTCGGGCT AGTGGGCGTG GGCAAGATCG GCTTGGCCAC GGCGAGGATC ATGAAGGGCT
15241  TCGGGTGCCG CGTCCTTGCT AGCGACCCAT TTCCCTCGCC TGCGTTTGAG GAGTACGGCG
15301  AGTACAAGGA CCTGGACACG TTGCTGTCCG AGTCGGATAT TGTCAGCCTC CACTGTCCCC
15361  TCATGGACAA CACGCGGCAC ATCATCAACG GCGACACAAT CGCCAAGATG AAAAAGGGTG
15421  TCCTCCTCAT CAACACGTCC CGCGGTGGCC TTGTGGACAC CCGTGCAGTC ATCAAGGCCC
15481  TCAAAACAAA GCACATTGGC GGCGTAGCCC TCGACGTGTA CGAGGCCGAA GGCTCACTGT
15541  TCTACGACGA CCACTCCGGT GAGATTATCC ACGACGATGT CCTCATGCGC CTCATGACAT
15601  TCCCCAACGT CATCGTCACG GGACACCAGG CCTTCTTCAC CGAAGAGGCG CTCGAGGAGA
15661  TTGCACAGTG CACGCTGCGT AACCTGGAGG AGTTCATCAA GGAGGGAACA TGCAAGAACT
15721  CGCTGACCAA GGAGCCCGAA TTGAGGTCCA AGGTCCCTGA CCCGGTGCGC AATGTTTAAA
15781  TTGATGTGGA TGATTGAATT CTATATTCTG GTATCTCTGT CTATGTACGG TCATCTGAAA
15841  CTTTTGATGC TGGTTAAATG GTGAGTCCTG CTAACGCCAC ACACAAACAC ACACACGCAC
15901  ACACACAGNG CATATTGAGA CGAAACTGGG GAAAGCTAAG TATCAATAAA ACACAAAACG
15961  AAATGGACGG AAGGATATCT CCCGCTCTAG TATATAAGGC GTACGAAAAC ACCCGTTGTA
16021  CAACCGCTTA AG
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Figure 6 (SEQ ID NO 6) - Continued

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1861  TCGTGAATGC GAGAGGAACA ATCGGACGCA TCATCGTATA TCAGAAACCG CGAGCGCGAC
1921  AAGCGGACAC AGTGAACCAG AGCATCAGAG CCGAGATTGT AATTGATGAG GGCAGGAGCA
1981  GCACCGATAG ACAGTAGACC CATCCAGATG AACATCAGCT CCGGCGAGTT GTACAGATAA
2041  ACACCGACGT GCTGCCCGGC CACCACGCCC AGATCGCGGA AGTAGTGGCC ATACTGACAT
2101  GCGCGTTGGT ACGTCTGCGT CCACGAGTAC TCGGGGTGCC CGCGCGACCA GATGCAAGGT
2161  GCATCGCCGA GGCGGGCAGC GGCGGCCTCG AAGAGGAAGA AGCCAGATGC CTTGCGCTGC
2221  TCAACAGCTC TGGCGAAGTT CTGGGCCCCC CGTTCGGCGC GGGCGAGCTG GTTGAGGTCC
2281  TTGCTGAGGT GAAGCTTGGC GTCGAGGTAG GCAGCGGCGG CGGTGCTGGC GGCAGCCGCG
2341  CCAGCGAGGG TTAGTAGGCC GCCGGGTGCC ATTGGGGATT GCCGTTATGC TCCCGTGTGT
2401  GCTTGTGTCT TTGCGAGCGA TGTCCTTGCC TCCGAGACAT TGGTGCTGGT GCTGGTGGCT
2461  TTGACTGTCT CGGAGAAGGG TGTAAGTGAT CGTGCGATCG GGAGTCCAAA AGTTGACCAA
2521  ACACGGACAC AACCAGTATT GACGAATAGT TGTTGAAGAC TGCTAGCCTC GGCACCCAGA
2581  AGCTTGGGAG ACCTGATGGT GTGGCGGGTC TGTGGGTTTG GGCCCTTTTG GGAGGGGGCC
2641  AAGGGACATG GATGGAGGGA GATCGGCGGC GATGTTGCGG CCGCACTAAC AAGAGGTGTC
2701  CGTACGTCCG GACTCCGTAC GGTACTGTAC GGCGCCCGTG GAACCAGGCA CTGAAGATTC
2761  AAGGACTGTT CCTGTCGGAT ATGGCCGCGG CCATGCGTGT CCAGGTTATA GTCTCGACTA
2821  CATACAAACA TTGTACCTTA CGTAAAAGAA CATGGACAGT AATACGCTGA CTCTTGGCTA
2881  CGGGATGATA TTCACTGCCC AAGACCGACG CCAAGCAGCG CATACTGTAC GCATAGGCTA
2941  CGTGGTGGAA ACACCGTGGC CAACTCATCC CTTCGTACGG TACAACAGCC GGACAGGGGG
3001  TGAGGGCGGG TCGGCTCCGC GGGCAGAAGT GCTTACAGCT TAAGAGCTAG TGGTTAAGGT
3061  TACATGTACT AAGCATTGGT CTGGATCGAA TCAGATGCTG TGCCTTGACT GGATCGAGCG
3121  GGCCGGCCCC CTGCGTCTTA ATATAGCAAG TACCCGTGAC TATGTAAGTT GTACATGTAC
3181  ATCTGTGCTG CCACAGGAGC GCCTATAATG TACACCCACC TTGCACGAAC ATTACATTGA
3241  TACTTGCGTT TCTCCGTACA TGACAGGGGG GTGATATTAC AGTACATGCT CCGCCAAGTA
3301  ATACAAGACA CGGACCATCG GAGGCAAACA TTTGTACTGC AGAATGATGC CTGATTTAGG
3361  CGCACAGTCT GCATACATGC CATGCCATAA TGAGGTCGTG TATCCGTAGT CTGTGCTCTG
3421  GATGACTATG AATTATGTCT GAAGTTATTA CTTGGCAACA ACCTGCTTGC CCAACTGGGC
3481  AGGTTTCATT CATGATGGGA GGATGGAGAC GATGAGTCTA TCCTTGGACA CTGGCATGCG
3541  CCCCGTCCTT GGTGCAGCTA GATTTTCAGC TTCGATGCAC AGGCTCCGCC CTTGATACTA
3601  CAGCAGAGTA CATGCCGAGA CAAGAATCTT CAACGTCCCC GATGCGCTTT TGATATCCAC
3661  CCATGTTTTC ATAGTCGCTG CGCGGTATCG GACCCGAGTC GTCTGTACAC GTGGGTAGAA
3721  GTTACGCGAA TGCCACCTCA CCACGCTGCA CCATCCATGC CGAGGCAGGC TTCGAGATTG
3781  CAAGTACGGA CTACAATAAC ATCAAATGGC ATGGTGGGAT TTCCGCTGAC CACCTGCCGA
3841  CATTACATGT TGTAGTCTTG ACCATTCACG CGGTTAATCC CACCTCGATG GACCCCTCTC
3901  GCCCACATCC GCTATCCGGC AAGCTTGTCG TAGAGCTCGC GGGGCTAGCC CCAGGTCCGT
3961  CATCCATAGC CACTTTCATG TTGCTCTGCC GAGAGGCCTA CGCATAGAAG CCGCTTCTTG
4021  CGCTCACGCA CTAACTCGCG CACTCCAGGC CCATTCTGTG GCATGCTCTT GGCAGACTAT
4081  GGCGCCTCAG TACTCCGCAT CGACGGACCG CGATCCCCAA AGGGGGACGT CCTGGCGAGG
4141  AACAAGTCGT CCATCTGCAT CGACTTGAAG CATCCGCCCT CACGCAAGGT GCTCCTCTCC
4201  ATCCTGTCCC GCGCGGACGT GCTCATCGAC CCGTTCCGGC CCGGCGTCCT GGAGCGTCTG
4261  GGGCTCTCCC CCACAGAGGT CCTTCTCAAG GCGAATGCCC GCCTGGTGGT CGCCCGTCTC
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Figure 6 (SEQ ID NO 6) - Continued

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4321  ACCGGCTTCC GCCGAGATGG CAAGTACCAG GACATGGCAG GCCATGATAT CAACTACCTC
4381  GCCGTGTCTG GCGTCCTGGC TATGCTTGGT AGGGCAGGCG AGAATCCCTT CCCGCCGGCC
4441  AACATCCTCG GCGACTTTGC CGGAGGGGGC GCCATGTGCG TCGTGGGAAT TCTGCTGGCG
4501  CTCGTATCGC GCGATGCCAC GGGGCTTGGC CAGGTCGTCG AGGCCAACAT GGTGGACGGG
4561  TCTGCGTACC TGGCCACGAT GCCGCGCCTG GCGACCAAGA CGCCCTTCTG GGGTTCCCCG
4621  CGGGGCGAGA ATGTCCTGGA CGGAGGGTGC CCCTGGTATG CGACATACCG GACAAAGGAC
4681  CCCGGCGGGA AGTACATGGC CGTGGGAGCG CTGGAGCCTC ACTTCTACGA GGTGCTGGTG
4741  CGAGGTCTGG GCCTGGACAA GACGGACCTG CCTCCGCGGG AGGATAGGGC CAATTGGCCG
4801  AGACTGAGGG CGCTATTCGA GGCAAAATTT GCGGAGAGGA CGCGCAGCGA GTGGGCGGAG
4861  GTCTTTGACG GGACGGATGC CTGCGTCACC CCGGTCCTGG AGCAAGGTGA GCTGGAGAAG
4921  GCCGGCTTCG AACAACGGCT TCCCGTGAAT TTGGGGGCCA CGCCGGGAAA GCCTATTCTT
4981  CCCGGACAGG GTGATTGGAC GGGGCGGACC CTTGCCAAGG GCCATGGAGG AGAGGAGATC
5041  CTGCGCCGGT GGATTGGGTG GGAAAGGGGG GTTGACTACC ACGTTGAGGA GAATAGCGGA
5101  ATTCTCGTCG CTTGTTCGCG GGAAAAGTTG TAGGCAGGCA GGCAGGCCAT GCTGGTACAT
5161  GCATGCAATG TTGGCCGCTT ATGTACGTAT GTGCATACAT AAACATTGAC AATAGTGGTG
5221  TCATGAAGGA GGAGGGGGGG GGTGGGTTTC GGCCCCTGAC GGTGGCTTGA TCGGGACATG
5281  GACGCCGCAT CGTCAGCGGA GTCAAGCCTC CCGACAGACC TGCCGACCCG ACATCCGAGT
5341  ATCTGTACGT AAGATTGCAT ACCAACAATG TACACCTACT TCCTACGGTT CCAGGATTTT
5401  CTCTCTGGAG GTTGCATGGA GCGAAATGAA AAAAGAAATG CTGCTGCCTG TGTTGGAATT
5461  CACAGCCTTG GGATGCGACC TCCCTTTTCA CCGTCTTCAT CCTCGTTGGG GACTCTCAAC
5521  CATGCTGCTG TCGCACTGAG ATAATACAAG GCGTAATTAC TGCAGCGGTA CGTCGTAATT
5581  GGACTTACTT TTGTACGACA GTTGATGTCC AGCGGCATAA AAAGCCTCAG CCGCCAAGAC
5641  TGGCAGACTT CTGCAGCCCT ATCTTGATAT GATCACCCCA TAGGCCGAGG CCCTGTGCTC
5701  GAATCCCGCA CGAAGCCGGA TTCATGTGTA TTCCCAAGGG GGTGAGGACG GAACTCTTAT
5761  TTCGACCTCC GGGGGGCCGA GTTCTAGTCC GCTAACCTTC ACGGCTACAC CGTCCCTCGC
5821  GTCTCAACTA GCCATATAAG TCCTAGGTAA AGAGGTTAAA GTAGGTAGGA AAGGAACTTG
5881  TGGCTTGGCG GATCC
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Figure 7 (SEQ ID NO 7) - Continued

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1861  CTGGGGTGAG AGGGCGAAGG AGTAGTTCGA CCAGTCGCAG CGCACCCAGA GCCGCAGGTT
1921  TTATCGGATG TTGCTTCGAT CCGATCGTAT CCCGCGCGGC CTAGATCTTG CTAATACGAG
1981  TCGGAGAGTT ACTATTCCGG GCTTATGCGG ACGGGCCGCC GCCGTCGATG CCGGCCAAGG
2041  CTTGTCGTGC ATGATAGATG CTGCCGTCGG CCCAAGTGGC CCGTCTAAAG CCGGACCCCT
2101  TTCCCCCGAG TCTCTCCCCG ATCCCGCACG GGGCCGTCAC TTTCGCTGCC CTCGCTCCTT
2161  GTCATAACCT ACCTATATTC TCATCCCGGC AAATGCTGCG GGATAGCCTC ACCTACAGCC
2221  ACACGTCGCC CACCATGTCG CCTCAGATCG CCAATCGCTT CGAGGCTTCG CTAGATGCCC
2281  AAGACATAGC CAGAATATCG CTCTTCACAC TGGAATCTGG CGTCATCCTT CGCGATGTAC
2341  CCGTGGCATA CAAATCGTGG GGTCGCATGA ATGTCTCAAG GGATAACTGC GTCATCGTCT
2401  GCCACACCTT GACGAGCAGC GCCCATGTCA CCTCGTGGTG GCCCACACTG TTTGGCCAAG
2461  GCAGGGCTTT CGATACCTCT CGCTACTTCA TCATCTGCCT AAATTATCTC GGGAGCCCCT
2521  TTGGGAGTGC TGGACCATGT TCACCGGACC CCGATGCAGA AGGCCAGCGC CCGTACGGGG
2581  CCAAGTTTCC TCGCACGACG ATTCGAGATG ATGTTCGGTA GGTAAGCGCA CCGATCCAGC
2641  TTGTCTCAAT ATCGAGTGGT CAGGACAATC CAGGCTAAGC TTTCCGTGTC CAAAAGTATT
2701  CATCGCCAGG TGCTCGACAG GTTAGGCGTC AGGCAAATTG CTGCCGTAGT CGGCGCATCC
2761  ATGGGTGGAA TGCACACTCT GGAATGGGCC TTCTTTGGTC CCGAGTACGT GCGAAAGATT
2821  GTGCCCATCG CGACATCATG CCGTCAGAGC GGCTGGTGCG CAGCTTGGTT CGAGACACAG
2881  AGGCAGTGCA TCTATGATGA CCCCAAGTAC CTGGACGGGG AGTACGACGT AGACGACCAG
2941  CCTGTCCGGG GGCTCGAAAC AGCGCGCAAG ATTGCGAATC TCACGTACAA GAGCAAACCT
3001  GCGATGGACG AGCGCTTCCA TATGGCTCCA GGAGTCCAAG CCGGTGAGTT TATAGATGCC
3061  TTGCCGTCGG TCGATGCTCA GAGCTAATCA GACCGAACCC GCTGCTAGGC CGGAATATCA
3121  GCAGCCAGGA TGCGAAGAAG GAAATCAACG GCACAGACAG CGGCAACAGC CACCGTGCTG
3181  GCCAGCCCAT TGAAGCCGTA TCTTCCTATC TCCGGTACCA GGCCCAGAAG TTTGCCGCGA
3241  GCTTCGACGC CAACTGCTAC ATCGCCATGA CACTCAAGTT CGACACCCAC GACATCAGCA
3301  GAGGCCGGGC AGGATCAATC CCGGAGGCTC TGGCAATGAT TACACAACCA GCGTTGATCA
3361  TTTGCGCCAG GTCAGACGGT CTGTACTCGT TTGACGAGCA CGTTGAGATG GGGCGCAGTA
3421  TCCCAAACAG TCGTCTTTGC GTGGTGGACA CGAATGAGGG TCATGACTTC TTTGTAATGG
3481  AAGCGGACAA GGTTAATGAT GCCGTCAGAG GATTCCTCGA TCAGTCATTA ATGTGAGGCT
3541  ATGGAGGTGT CAGCCTGCCG GTGCGCGTAC TTGCCAGGGT GATCGATGTA CTCTCAGATA
3601  GTCTCCATGT GAGTATGGAT TTCGCTGTTT CCGCTCGGAT ATAGGCACTC TCAGGCCATC
3661  TCGCAGTAGG TATCAGAACA GCAGCTGAGG CCTTCTCGGA AAGTAGGTTG TGTCAATAGA
3721  TTCATAAAGC GTCAAATAAA GCCCAAAGTC GCAGTAGACT CATCGCATCG CAAGTCTCAG
3781  AGGGTCGACT CGGCAGATTC GAGGCATTGT AGCACATTGT CGAGGCATTG AGGCGGAGAC
3841  TTGACCCATC CAACTCGGCC AGAGGCAGCA GGCAAAGCAT CTCAGCGTAG GCTCCATGCA
3901  AAACATGCGT GGCTCAACTC AGCAAGCTCA TTGCCAACGA GGTCAAAGAA AATAGAAGGT
3961  AGCGGAGGCA GGCGGGTATC GTAGTAACAC CGTCCACATA ACACGGGCTC AGCGGAGCAA
4021  CGTAGTACCT ACTCGTATAG AGGCACCGCG TCAGGAGAGG TATCAGAACC CTCATGATTC
4081  TATCGCCATG CTGCTGCGAA CACTAACAAA TGATAAACAA GGGCCCATGC TGTGTGATGA
4141  TGATTCAAGC AGGTTGTCGT GGTCCAGGTT TGGTGCCCGA GCCCCGCACA GCTGAAGATG
4201  ACGCGTCTCG CTGTCGCGCC TTCCACGACC CAGAAGTTGA TGTGCAGAAT GGGCAGTGAG
4261  TGAACCTGGG CGGGAGTGAT GGAAGGTGCC TACCCTGTAC AACCAACTAC GTCGGTACTC
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Figure 7 (SEQ ID NO 7) - Continued

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4321    GTAGGAGCAA TAGCGATGAA GCGTCGGGAG AGAAGTGTGA ATTACTCTGG TACCTGGTAC
4381    TTGATGCAAC ATAGCACATT TCACCCATCA AAGCTAGGTC CCGCGGCCTG GGAGTGGAAT
4441    GGTGAAAGAC ACCGAGGCAA ATGCGGCATG AATGAGGAAG CACGGACGAG TCGTGGTTTC
4501    ACAAGAGACA CTCTGACCGA CCACAAGATT CGGCAGTACA GTCACAGCAT CACCATCGGC
4561    AGTCAGACAT GATTCAGAGC CAGGTCTTCG GCAGAGGGAA TTAGATACAC CTCGGCACCG
4621    GCG
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